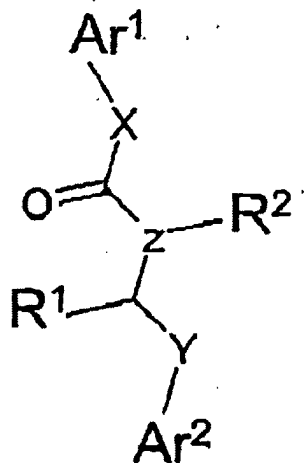


**IN THE CLAIMS**

1. (Original) A compound of formula I:



or a pharmaceutically acceptable salt thereof, wherein:

x is selected from a valence bond, -CH<sub>2</sub>-, -NH-, -S- or -O-;

Z is selected from =CH- or =N-;

Y is selected from a valence bond or -CH<sub>2</sub>-;

R2 is hydrogen or methyl and R1 is selected from R1 is hydrogen or methyl and R2 is selected from -H, Q-CO<sub>2</sub>H, Q-1*H*-tetrazol-5-yl, Q-CN, or Q-R5, wherein R5 is a functional group that is hydrolyzed to -CO<sub>2</sub>H in physiological conditions, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-; Ar1 and Ar2 are independently selected from a 3-10 membered monocyclic or bicyclic saturated or unsaturated cycloalkyl, an ensemble of two 3-8 membered monocyclic rings covalently linked by a C-, N-, O- or S-atom, or 5-10 membered monocyclic or bicyclic aryl ring having 0-4 heteroatoms independently selected from nitrogen, oxygen, or sulphur, wherein Ar1 and/or Ar2 is optionally and independently substituted by one to four R3 groups and each R3 is independently selected from -R5-trifluoromethyl, -R6-R4, -R6-F, -R6-Cl, -R6-Br, -R6-J, -R6-NO<sub>2</sub>, -R6-CN, -R6-O-R4, -R6-(CH<sub>2</sub>)<sub>n</sub>-O-R4 (n=1,2,3,4,5,6,7, or 8), -R6-S-R4, -R6-N(R4)<sub>2</sub>, -R6-NR4-CO-R4, -R6-NR4-CO-N(R4)<sub>2</sub>, -R6-NR4-CO-O-R4, -R6-CO-R4, -R6-CO-O-R4, -R6-CO-N(R4)<sub>2</sub>, -R6-O-CO-N(R4)<sub>2</sub>, -R6-SO-R4, -R6-SO<sub>2</sub>R4, -R6-SO<sub>2</sub>N(R4)<sub>2</sub>, -R6-NR4-SO<sub>2</sub>R4, -R6-

NR<sub>4</sub>-S<sub>0</sub><sub>2</sub>N (R<sub>4</sub>)<sub>2</sub>-R<sub>6</sub>-CO-NR<sub>4</sub>-CO-R<sub>4</sub>, or -R<sub>6</sub>-CO-CH<sub>2</sub>-CO-R; wherein each R<sub>4</sub> is independently selected from hydrogen, or from an optionally substituted C1-6 aliphatic group, wherein R<sub>6</sub> is a valence bond or a bivalent spacer group, in particular C1-6 aliphatic group, and wherein two R<sub>3</sub> on adjacent positions on Ar<sub>3</sub> are optionally taken together to form a saturated, partially unsaturated, or fully unsaturated 4-6 membered ring having 0-3 heteroatoms independently selected from nitrogen, oxygen, or sulphur.

2. (Original) A compound according to claim 1, wherein Ar<sub>1</sub> and Ar<sub>2</sub> are independently 3-8 membered monocyclic, or 8-10 membered bicyclic cycloalkyl, or 5-6 membered monocyclic or 8-10 bicyclic aryl ring, or 5-6 membered monocyclic or 8-10 membered bicyclic heteroaryl ring having 1-4 heteroatoms.
3. (Previously presented) A compound according to claim 1, wherein Ar<sub>1</sub> and Ar<sub>2</sub> are independently selected from phenyl, indolyl, naphthyl, pyrimidinyl, pyridinyl, quinolyl, or isoquinolyl, wherein as an option Ar<sub>1</sub> and/or Ar<sub>2</sub> is substituted by 1-4 R<sub>3</sub> groups.
4. (Previously presented) A compound according to claim 1, wherein X is a valence bond, Z is a nitrogen, Y is -CH<sub>2</sub>-, R<sub>2</sub> is -H, and R<sub>1</sub> is selected from -Q-CO<sub>2</sub>H, Q-1*H*-tetrazol-5-yl, -Q-CN, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.
5. (Previously presented) A compound according to claim 1, wherein X is a valence bond, Z is =CH-, Y is a valence bond, R<sub>2</sub> is -H, and R<sub>1</sub> is selected from -Q-CO<sub>2</sub>H, Q-1*H*-tetrazol-5-yl, -Q-CN, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.
6. (Previously presented) A compound according to claim 1, wherein X is -NH-, Z is =CH-, Y is a valence bond, R<sub>2</sub> is -H, and R<sub>1</sub> is selected from -Q-CO<sub>2</sub>H, Q-1*H*-tetrazol-5-yl, -Q-CN, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3

alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.

7. (Previously presented) A compound according to claim 1, wherein X is -NH-, Z is =CH-, Y is a valence bond, R1 is -H, and R2 is selected from -Q-CO<sub>2</sub>H, Q-*l*H-tetrazol-5-yl, -Q-CN, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.

8. (Previously presented) A compound according to claim 1 being effective to modulate and/or regulate in vitro and/or in vivo the activity of an AGC kinase containing a PIF pocket homologous site in the small lobe of the kinase domain, in particular being effective to activate or inhibit PDK1 and/or PKB.

9. (Previously presented) A pharmaceutical composition comprising the compound of claim 1.

10. (Previously Presented) The pharmaceutical composition of claim 9, wherein a physiologically effective dose of the compound is mixed with ~~an~~ a pharmaceutically acceptable carrier.

11. (Previously presented) The pharmaceutical composition of claim 9, wherein the composition prevents or treats a disease related to an AGC kinase, comprising PDK1 or PKB having an abnormal high or low activity.

12. (Withdrawn) A method for preventing or treating a disease related to an AGC kinase, comprising PDK1 or PKB, having an abnormal high or low activity, wherein a compound

according to claim 1 or a pharmaceutical composition according to claim 9 is administered in a physiologically effective dose to an organism having the risk of obtaining the disease or suffering from the disease.

13. (Previously Presented) A compound according to claim 2, wherein Ar1 and Ar2 are independently selected from phenyl, indolyl, naphthyl, pyrimidinyl, pyridinyl, quinolyl, or isoquinolyl, wherein as an option Ar1 and/or Ar2 is substituted by 1-4 R3 groups.

14. (Previously Presented) A compound according to claim 2, wherein X is a valence bond, Z is a nitrogen, Y is  $-\text{CH}_2-$ , R2 is -H, and R1 is selected from  $-\text{Q}-\text{CO}_2\text{H}$ , Q-1*H*-tetrazol-5-yl,  $-\text{Q}-\text{CN}$ , wherein each Q is independently selected from a valence bond or an optionally substituted Cl-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.

15. (Previously Presented) A compound according to claim 3, wherein X is a valence bond, Z is a nitrogen, Y is  $-\text{CH}_2-$ , R2 is -H, and R1 is selected from  $-\text{Q}-\text{CO}_2\text{H}$ , Q-1*H*-tetrazol-5-yl,  $-\text{Q}-\text{CN}$ , wherein each Q is independently selected from a valence bond or an optionally substituted Cl-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.

16. (Previously Presented) A compound according to claim 2, wherein X is a valence bond, Z is  $=\text{CH}-$ , Y is a valence bond, R2 is -H, and R1 is selected from  $-\text{Q}-\text{CO}_2\text{H}$ , Q-1*H*-tetrazol-5-yl,  $-\text{Q}-\text{CN}$ , wherein each Q is independently selected from a valence bond or an optionally substituted Cl-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.

17. (Previously Presented) A compound according to claim 3, wherein X is a valence bond, Z is  $=\text{CH}-$ , Y is a valence bond, R2 is -H, and R1 is selected from  $-\text{Q}-\text{CO}_2\text{H}$ , Q-1*H*-tetrazol-5-yl,  $-\text{Q}-$

CN, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.

18. (Previously Presented) A compound according to claim 2, wherein X is -NH-, Z is =CH-, Y is a valence bond, R2 is -H, and R1 is selected from -Q-CO<sub>2</sub>H, Q-1*H*-tetrazol-5-yl, -Q-CN, wherein each Q is independently selected from a valence bond or an optionally substituted C1-3 alkylidene chain, wherein one or two non-adjacent methylene units of Q are optionally and independently replaced by -O-, -S- or -NH-.